

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	528	(polymer\$4 resin\$5 polyethylene polystyrene acryl\$5 methacryl\$5 silicone styrene butadiene rubber) with (particle core nucleus) and (plat\$4 encapsulat\$5 coat\$4 surface layer shell) with (metal\$4 Cu copper silver ag gold au pd palladium pt platinum Ni nickel noble adj metal) and anisotropic\$5 with (sheet film) near5 (conduct\$4 electro\$2conduct\$4 adhesive) circuit with (inter\$2connect\$5 connect \$5 attach\$5 bond\$4) and (phenoxy adj2 resin (thermoplastic phenoxy) same film near3 form\$5 film near5 (former forming) with resin) and (epoxy bisphenol \$5acrylic\$1 \$5acrylate\$1 maleimide itraconimide nadimide) and (hardness GPA MPA (peel\$4 bonding compression compressive) near5 (strength percent \$2%) elastic\$5 near2 modulus (kgf N) adj ("cm.sup.2" "mm.sup.2" mm2 cm2) )	US-PGRUB; USPAT	OR	ON	2011/03/12 16:45
S2	246	S1 and (252/500,506,511-514.cds. 428/355R,355EP,355EN,355CN,355AC,402-407,901,212-218.cds. 427/71,96,1,98,2,183,207,1,212,213,35,220,222.cds. 438/106,107,119,455.cds. 439/66.cds. 174/259,260,256,261,88r.cds. 29/832,840,846.cds. 361/743,760,767.cds. 228/179,1,180,21.cds. 156/264,275,5,281,305,306,9,327,330.cds. 257/737,747,783,784.cds. 523/176,400,440.cds. 524/323.cds. 528/219,297,421.cds. H01B1\$1,PCR, H05K3\$1,PCR, H05K1\$1,PCR.)	US-PGRUB; USPAT	OR	ON	2011/03/12 17:33
S3	233	S2 and (( novolak novolak epoxy) near5 (liquid resin cresol phenol glycidyl bisphenol alicyclic isocyanurate) bisphenol adj (A F S) epicoate epikote epicoat Cyracure )	US-PGRUB; USPAT	OR	ON	2011/03/12 17:33
S4	155	S2 and (acrylic near2 rubber (\$5acrylic\$1 \$5acrylate\$1) near3 (monomer\$2 oligomer\$2 comonomer methyl ethyl butyl isopropyl isobutyl alkyl urethane epoxy ) (diacrylate triacrylate tetraacrylate) near3 (ethylene diethylene propylene butylene) adj glycol propanediol butanediol trimethylolpropane) (\$maleimide\$1 \$9itraconimide\$1 \$9nadimide\$1) near9 (monomer\$2 oligomer\$2 comonomer resin copolymer polymer )	US-PGRUB; USPAT	OR	ON	2011/03/12 17:34
S5	179	S2 and ( layer film sheet) near9 (nm nanometer micron "mu.m") with (anisotrop\$4 conductive adhesive)	US-PGRUB; USPAT	OR	ON	2011/03/12 17:35
S6	218	S2 and ( layer film coating) near9 (nm nanometer Ang angstrom A)	US-PGRUB; USPAT	OR	ON	2011/03/12 17:35
S7	54	S2 and (silica silicon adj (nitride oxide dioxide) SiO2 *SiO, sub.2*S3N4 *si,sub.3N,sub.4" alumina tantalum adj oxide ) with (insulating insulation passivat\$5)	US-PGRUB; USPAT	OR	ON	2011/03/12 17:45
S8	35	S1 and (recessed near9 electrode protruding near9 insulat\$5)	US-PGRUB; USPAT	OR	ON	2011/03/12 17:46
S9	77	(polymer\$4 resin\$5 polyethylene polystyrene acryl\$4 silicone) with (particle core nucleus) and (plat\$4 encapsulat\$4 coat\$4 surface) with (metal\$4 Cu copper silver ag gold au pd palladium pt platinum Ni nickel) and (epoxy bisphenol novolak epicoate epikote \$5acrylate \$2 \$5acrylic\$1 maleimide bismaleimide) and (phenoxy film near5 form\$4 ) and anisotropic\$5 and (sheet film) near5 (conduct\$4 electro\$2conduct\$4 adhesive) circuit with (inter\$2connect\$5 connect \$5 attach\$5 bond\$4)	EPO; JFO; DERWENT	OR	ON	2011/03/12 17:46
S10	22	S9 and (hardness GPA MPA (peel\$4 bonding compression compressive) near5 (strength percent \$2%) elastic\$5 near2 modulus (kgf N) adj ("cm.sup.2" "mm.sup.2" mm2 cm2) )	EPO; JFO; DERWENT	OR	ON	2011/03/12 17:47
S11	69	((ARI FUKU near2 MOTOHIRO WATANABE near2 ITSUO GOTOU near2 YASUSHI KOBAYASHI near2 KOJII KOJIMA near2 KAZUYOSHI).in. hitachi.as.) and anisotropic\$5 and (interconnect\$4 connect\$5) near5 circuit and (epoxy bisphenol \$5acrylate \$5acrylic maleimide novolak novolak) and phenoxy adj2 resin and (hardness GPA MPA elastic\$5 near2 modulus "kgf/cm.sup.2" "kgf/mm.sup.2" "n/mm2" "N/mm.sup.2" ) and (polymer\$4 resin\$5 polyethylene polystyrene acryl\$5 methacryl\$5 silicone styrene butadiene rubber) with (particle core nucleus) and (plat\$4 encapsulat\$5 coat\$4 surface layer shell) with (metal\$4 Cu copper silver ag gold au pd palladium pt platinum Ni nickel noble adj metal)	US-PGRUB; USPAT; EPO; JFO; DERWENT	OR	ON	2011/03/12 17:47

S12	18	Si1 and (silica silicon adj (nitride oxide dioxide) SiO2 "SiO.sub.2" alumina) with (insulating insulation passivat\$4)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/12 17:48
S13	19	("6344156" "20020034620" "20040266913" "20050256230" "2006100314" "5,162,087" "5,065,505" "5,330,684" "6376051"), pn.	US-PGRUB; USPAT; DERWENT	OR	ON	2011/03/12 17:57
S14	58	("2001189171" "08293526" "04030542" "59120436" "60191228" "01051787" "07090237" "2001189171" "09329796" "10199930" "07005487" "2001164210" "09199206" "2001283637" "2000040418" "11329069" "1628363" "979854" "996321" "1085790" "1628363" "2000208178" "2001160568"), pn. "cn 100380741" "tw 525252" "tw 502353" "tw 200304935"	EPO, JPO, DERWENT	OR	ON	2011/03/12 18:00
S15	21	(S13 S14) and (silica silicon adj (nitride oxide dioxide) SiO2 "SiO. sub.2" "Si3N4 "si.sub.3N.sub.4" alumina tantalum adj oxide insulating insulation passivat\$5) with (layer film)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	ON	2011/03/12 18:01

3/12/2011 6:57:51 PM

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